

IN THE CLAIMS

Please cancel claims 1 and 11-21 and amend claims 2-9 as follows:

1. (Cancelled)

2. (Currently Amended) A software analysis tool comprising:

means for converting software entities and their relationships into a graph having a first structure of nodes interconnected by edges, said graph further comprising a tree comprising a plurality of subtrees, each said subtree representing one or more nodes in the first structure, the relationship among the plurality of subtrees representing the edges among nodes in the first structure; and

an editor comprising means for allowing a user to edit the graph.

wherein the software entities comprise nongenetic software program code; wherein the conversion means comprises means for bi-directionally folding and unfolding a graph between meta and child levels.

3. (Currently Amended) A software analysis tool as claimed in claim 1-~~or~~ 2, wherein the editor comprises means for automatically generating fresh graph layouts after manipulation.

4. (Currently Amended) A software analysis tool as claimed in claim 1-~~or~~ 2, wherein the conversion means comprises a plurality of back-ends, each being associated with an aspect of a software system comprising software program code.

5. (Original) A software analysis tool as claimed in claim 4, wherein each back-end comprises means for converting the entities and the relationships of the associated aspect into nodes and edges of the graph.
6. (Previously Presented) A software analysis tool as claimed in claim 4, wherein the back-ends are associated with managers.
7. (Original) A software analysis tool as claimed in claim 6, wherein the managers comprise means for routing commands between the editor and the back-ends.
8. (Previously Presented) A software analysis tool as claimed in claim 6, wherein each manager is associated with a group of back-ends associated with a group of back-ends.
9. (Original) A software analysis tool as claimed in claim 8, wherein the back-ends associated with a particular manager share a common interface and set of operations.
- 10-21. (Cancelled)